



## Thimerosal Content of Vaccines Distributed by the Alaska Immunization Program (as of May 2006)

### Vaccines Generally Used in Pediatric (Age 6 and Younger) Populations

Vaccine	Generic or Trade Name	Manufacturer	Thimerosal Concentration <sup>#</sup>	Mercury (mcg/0.5 mL) <sup>#</sup>
DT (Diphtheria/Tetanus)	DT	Sanofi Pasteur	<0.00012%	<0.3 ( <i>trace</i> *)
DTaP (Diphtheria/Tetanus/Pertussis)	Infanrix	GlaxoSmithKline	0	0
Diphtheria/Tetanus/Pertussis/ Polio/Hepatitis B	Pediarix	GlaxoSmithKline	<0.000005%	<0.0125 ( <i>trace</i> *)
Hepatitis A (pediatric)	Havrix (ped)	GlaxoSmithKline	0	0
Hepatitis B (pediatric/adolescent)	Recombivax HB (ped/adol)	Merck	0	0
Hib ( <i>Haemophilus influenzae</i> type b)	PedVaxHib	Merck	0	0
Influenza (preservative-free/ pediatric) <sup>^</sup> (used in 05/06 season)	Fluzone	Sanofi Pasteur	0	0
Measles/Mumps/Rubella	MMR-II	Merck	0	0
Pneumococcal conjugate (pediatric)	Prevnar	Wyeth	0	0
Polio (injectible)	IPV	Sanofi Pasteur	0	0
Varicella (chickenpox)	Varivax	Merck	0	0

<sup>#</sup> Because most vaccines are supplied in doses of 0.5 mL (one-half milliliter), most concentrations are reported as "per 0.5 mL".  
1 microgram (mcg) = one millionth of a gram.

\* Denotes a *trace* amount of thimerosal in the vaccine. The term "thimerosal-reduced" usually indicates that thimerosal is not added as a vaccine preservative, but trace amounts (less than 0.5 micrograms mercury per 0.5 mL dose) may remain from use in the manufacturing process. Such trace amounts are not felt to be clinically significant, nor would they result in exposure exceeding any federal guideline for mercury exposure. (Reference: U.S. Food and Drug Administration, *Thimerosal in Vaccines - Frequently Asked Questions*, <http://www.fda.gov/cber/vaccine/thimfaq.htm>)

<sup>^</sup> A thimerosal-free formulation of influenza vaccine is available for children 6-35 months of age in the 05/06 influenza season. (During the 04/05 season, a preservative-free vaccine with trace amounts of thimerosal was available for this age group.)

Note: Because the Alaska Immunization Program provides vaccines to public and private providers at no charge, it is unlikely (though not impossible) that an Alaska provider would be using a pediatric vaccine that is not shown on this list. Ask your provider if you have any questions about the type or brand of vaccine that he/she is using.



## Thimerosal Content of Vaccines Distributed by the Alaska Immunization Program (as of May 2006)

### Vaccines Generally Used for Persons Age 7 and Older

Vaccine	Generic or Trade Name	Manufacturer	Thimerosal Concentration <sup>#</sup>	Mercury (mcg/0.5 mL) <sup>#</sup>
Hepatitis A (adolescent/adult)	Havrix (adol/adult)	GlaxoSmithKline	0	0
Hepatitis B (pediatric/adolescent)	Recombivax HB (ped/adol)	Merck	0	0
Hepatitis B (adult)	Recombivax HB (adult)	Merck	0	0
Influenza (preservative-containing) (used in 05/06 season)	Fluzone	Sanofi Pasteur	0.01% “	25
Measles/Mumps/Rubella	MMR-II	Merck	0	0
Meningococcal conjugate	Menactra	Sanofi Pasteur	0	0
Pneumococcal polysaccharide	Pneumovax-23	Merck	0	0
Polio (injectible)	IPV	Sanofi Pasteur	0	0
Td (Tetanus/diphtheria)	Td	Mass. Pub Hlth	0.0033%	8.3 mcg
	Decavac	Sanofi Pasteur	≤0.00012%	0.3 (trace*)
Tdap (Tetanus/diphtheria/pertussis)	Adacel	Sanofi Pasteur	0	0
	Boostrix	GlaxoSmithKline	0	0
Varicella (chickenpox)	Varivax	Merck	0	0

<sup>#</sup> Because most vaccines are supplied in doses of 0.5 mL (one-half milliliter), most concentrations are reported as “per 0.5 mL”.  
1 microgram (mcg) = one millionth of a gram.

“ A 0.01% (1 part per 10,000) concentration of thimerosal = 50 micrograms (mcg) per 0.5 mL. Because thimerosal is approximately 50% mercury, a 0.01% concentration of thimerosal = 0.005% concentration of mercury = 25 mcg of mercury per 0.5 mL dose.